

What is claimed:

1. A network comprising:
a private wireless network access point; and
a network element that associates a telephone number with a call from the access point.
2. The network according to claim 1, wherein the access point comprises:
a transceiver;
a voice and data connection;
a disconnection detector, and
an identification address.
3. The network according to claim 1, wherein the network element further comprises a softswitch.
4. The network according to claim 3, wherein the softswitch further comprises:
at least one of a router and a gateway; and
a database that stores the telephone number and an access point identification.
5. The network according to claim 1, wherein the network element further comprises an access point controller.
6. The network according to claim 5, wherein the access point controller comprises:
at least one of a router and a gateway; and

a database that stores the telephone number and an access point identification.

7. The network according to claim 1, further comprising:
a mobile terminal that only accesses the private wireless network.

8. The network according to claim 1, further comprising:
a mobile terminal that accesses the private wireless network and a public land mobile network.

9. The network according to claim 1, wherein the access point comprises:
a detector that detects when the access point has been disconnected from at least one of a voice and data connection and a power supply.

10. A method of originating a call from a terminal within a private wireless network, comprising:
associating a telephone number with the call based upon an access point ID of an access point interfacing with the terminal.

11. The method of operating a private wireless network according to claim 10, further comprising:
determining whether the access point of the private wireless network is still located at a subscriber's premises by contacting the access point.

12. The method of operating a private wireless network according to claim 11, wherein the call comprises an emergency call.

13. The method of operating a private wireless network according to claim 10, further comprising:

appending the telephone number to call setup signaling information..

14. A method of operating a private wireless network according to claim 10, further comprising:

wherein the private wireless network includes an access point having a transceiver that uses one of Bluetooth and Wi-Fi technology.

15. The method of operating a private wireless network according to claim 10 further comprising,

determining when the access point loses one of a power, and a voice and data connection; and

changing a status to PENDING when it is determined that the access point lost one of the connections.

16. The method of operating a private wireless network according to claim 15, further comprising:

returning the status to ACTIVE when it is confirmed that the access point has not been removed from a location.

17. The method of operating a private wireless network according to claim 16, in which the confirming further comprises comparing an access point ID received from the access point, in response to a test call, with a stored access point ID.

18. The method of operating a private wireless network according to claim 10, further comprising:

prompting a subscriber to provide an identification of the access point and a telephone number.

19. The method of operating a private wireless network according to claim 10, further comprising:

prompting a subscriber to provide an identification of the access point and a telephone number, and

storing the identification of the access point and the telephone number.

20. A call setup signal propagated on a propagation medium, comprising call setup signaling information including telephone number data for a phone call originating from a private wireless network, the telephone number data being determined based upon an access point ID of an access point associated with the call.